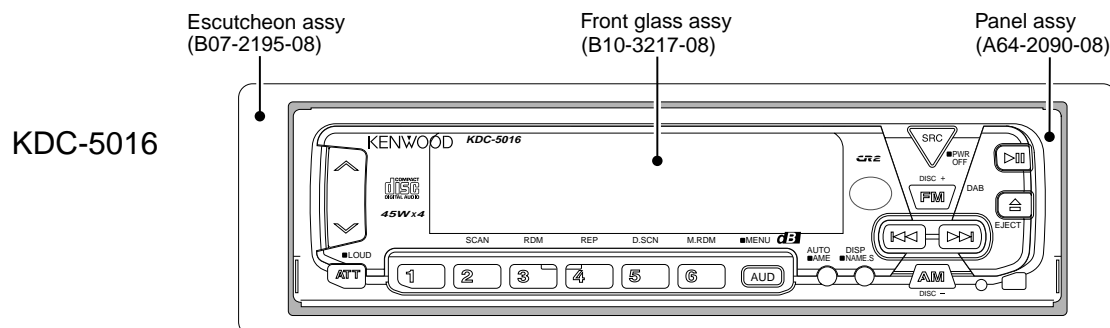
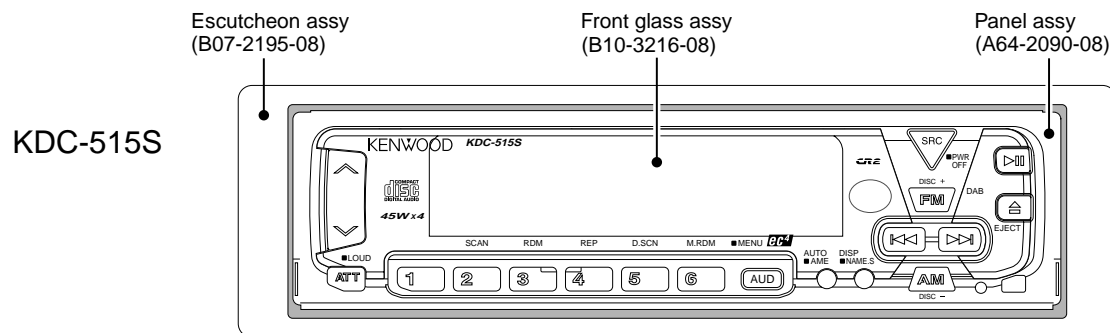


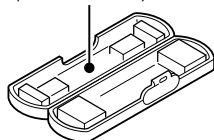
KDC-5016,515S

SERVICE MANUAL

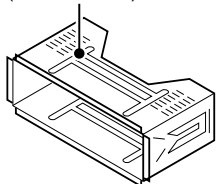
Extension cord	Parts No.
CD mechanism(22P)	W05-0618-00



Plastic cabinet assy
(A02-1494-08)



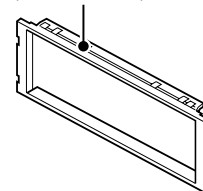
Mounting hardware assy
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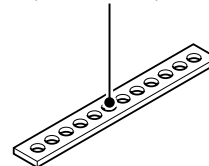
Remote controller assy
(A70-0883-05)
:KDC-5016



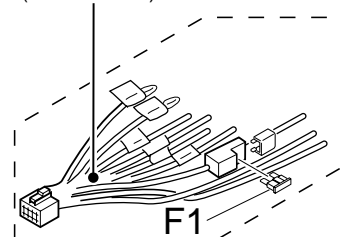
Escutcheon(J CAR)
(B07-2186-08)



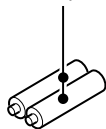
Stay
(J54-0611-08)



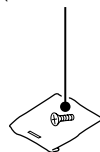
DC cord
(E30-4870-08)



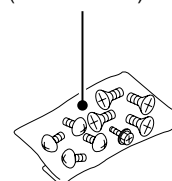
Battery(size:AAA)
Not supplied as
service parts



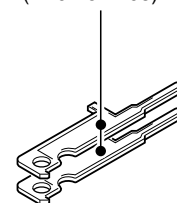
Screw set
(N99-1688-08)



Screw set
(N99-1689-08)



Lever
(D10-4514-08)x2



The MECHANISM OPERATION DESCRIPTION is the same as model KDC-S3007 and KDC-5050RG.
Please refer to the service manual for model KDC-S3007(B51-7029-00) or KDC-5050RG(B51-7099-00).



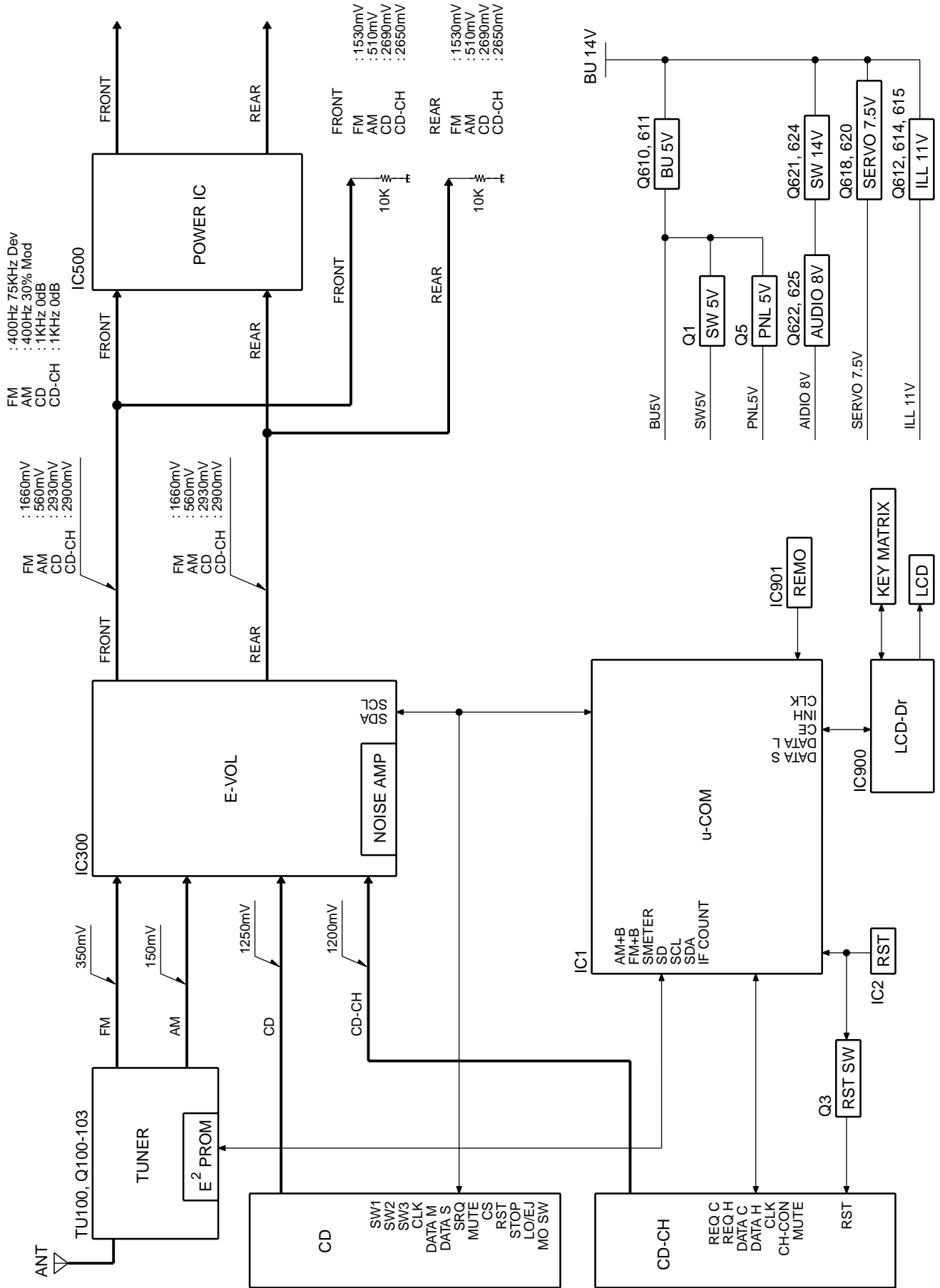
KDC-5016,515S

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BLOCK DIAGRAM



KDC-5016,515S

COMPONENTS DESCRIPTION

●MAIN UNIT

Ref.No.	Component Name	Application/Function	Operation/Condition/Compatibility
IC1	784217AGF505	System MI-COM.	
IC2	S-80830ANNP	Reset IC	"Lo": Detection voltage below 3.0V
IC3	HD74HC27FP	Mute logic	3 input NOR gate x3
IC300	TDA7400D	E-VOL. & N.C. MPX	
IC500	TDA7386	Power IC	
Q1	2SA1576A	SW 5V	ON when the base goes "Lo".
Q2	DTA124EUA	Mute driver for Audio mute SW	ON when the base goes "Lo".
Q3	DTA144EUA	Changer reset SW	ON when the base goes "Lo".
Q5	2SA1576A	Panel 5V SW	ON when the base goes "Lo" during the panel not detached.
Q100	2SA1703-AN	FM+B SW	Q100 is turned ON when Q101's base goes "Hi".
Q101	DTC144EUA		ON during FM reception.
Q102	2SA1703-AN	AM+B SW	Q102 is turned ON when Q103's base goes "Hi".
Q103	DTC144EUA		ON during AM reception.
Q303	DTC144EUA	E-VOL. mute SW	E-VOL. is muted when the base goes "Hi".
Q350A,B	DTC343TK	Audio mute SW	Audio pre-outs are muted when the base goes "Hi"
Q351A,B	DTC343TK	Audio mute SW	Audio pre-outs are muted when the base goes "Hi"
Q500	DTC114YUA	SVR SW	POWER IC RESET is activated when the base goes "Hi".
Q600	2SC4081	BU detection(Momentary power down detection)	ON when the base goes "Hi" during BU applied.
Q601	2SC4081	ACC detection	ON when the base goes "Hi" during ACC applied.
Q602	2SA1703-AN	P ANT SW	Q602 is turned ON when Q603's base goes "Hi".
Q603	DTC114YUA		ON during AM/FM reception.
Q604	2SA1703-AN	P CON SW	Q604 is turned ON when Q607's base goes "Hi".
Q607	DTC114EUA		ON during POWER ON mode except ALL OFF mode.
Q605	2SA1576A	P CON protection	Protect Q604 by turning ON when P-CON output is grounded.
Q606	DTA124EUA		Prevents Q605 tuning ON during start-up after power ON.
Q610	2SB1565(E,F)	BU 5V AVR	Inverted darlington connection.
Q611	2SC4081		ON during BU applied.
Q612	2SD1760	Illumination AVR	ON when the base goes "Hi".
Q614	DTA124EUA	Illumination AVR SW	Q614 is turned ON when Q615's base goes "Hi".
Q615	DTC124EUA		
Q618	2SB1565(E,F)	Servo AVR	Inverted darlington connection.
Q620	2SC4081		Q618 is turned ON when Q620's base goes "Hi".
Q621	DTA124EUA	SW 14V	Audio 8V AVR and Servo AVR ON/OFF control.
Q624	DTC144EUA		Q621 is turned ON when Q624's base goes "Hi".
Q622	2SB1565(E,F)	Audio 8V AVR	Inverted darlington connection.
Q625	2SC4081		Q622 is turned ON when Q625's base goes "Hi".

●CONTROL UNIT

Ref.No.	Component Name	Application/Function	Operation/Condition/Compatibility
IC900	LC75883E	LCD driver with key-matrix	
IC901	RS-171	Remote control IC	
Q900	DTA124EUA	Remote SW	ON when the base goes "Lo".
Q903	DTA124EUA	Key-matrix permission SW	ON when the base goes "Lo".

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COMPONENTS DESCRIPTION

●CD PLAYER UNIT(X32-4700-00)

Ref.No.	Component Name	Application/Function	Operation/Condition/Compatibility
IC1	AN8806SB	RF amplifier	Generation of RF signal based on the signals from the APC circuit and pickup, and generation of servo error(focusing error and tracking error)signals. Detection of dropout, anti-shock, track crossing and off-track conditions.
IC2	MN662774KC3	CD signal processor built-in MI-COM	Focusing, tracking, sled and spindle servo processing. Automatic adjustment(focusing, tracking, gain, offset and balance)operations. Digital signal processing(DSP, PLL, sub-codes, CIRC error correction, audio data interpolation)operations.
IC4	BA5917AFP	BTL driver	Focusing coil, tracking coil, spindle motor and sled motor driver
IC5	TA78L05F	5V AVR	
IC6	NJM4565MD	Low pass filter	
Q1	2SB1188	APC	LD power control
Q2	DTC124EUA	P ON SW	ON during the CD source selected.
Q3	2SA1362(Y)	A.8V SW	A8V line ON/OFF control
Q4	2SA1362(Y)	D.5V SW	D5V line ON/OFF control
Q5	DTC124EUA	MOTOR ON SW	ON during CD loading or eject action .
Q8	DTC124EUA	GAIN CONTROL SW	

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MICROCOMPUTER'S TERMINAL DESCRIPTION

●Terminal description

PinNo.	Pin name	I/O	Description	Processing Operation
1	ST TYPE1	I	IC2 setting terminal	Lo: Initial value
2	ST TYPE2	I	IC2 setting terminal	Lo: Initial value
3	JS TYPE1	I	Genuine/After market distinction terminal	Hi: Genuine, "Lo": After market
4	TYPE1	I	Destination type input terminal 1	
5	TYPE2	I	Destination type input terminal 2	
6	TYPE3	I	Destination type input terminal 3	
7	NC	O	Not used	
8	NC	O	Not used	
9	VDD	-	Power supply connection terminal	Connected to BU 5V lines.
10	NC	O	Not used	
11	NC	O	Not used	
12	NC	O	Not used	
13	RDS DATA	I	Data input from the RDS decoder IC	
14	RDS QUAL	I	Quality input from the RDS decoder IC	
15	AFC	O	AFC control output	Hi: During FM reception, "Lo": During FM seek.
16	FM/AM SD	I	SD input from the tuner pack	Hi: Station detected, "Lo": Not detected
17	IF COUNT	I	Not used	
18	NC	O	Not used	
19	REMO	I	Data input from the remote control light sensor	
20	AM+B	O	AM+B control	Hi: During AM reception.
21	FM+B	O	FM+B control	Hi: During FM reception.
22	TEST	-	IC test terminal(Not used)	Connected to GND
23	IC2 SDA	I/O	Data input/output with the E-VOL. IC	
24	IC2 SCK	O	Clock output to the E-VOL. IC	
25	MUTE	O	Mute control output	Hi: Mute ON, "Lo": Mute OFF
26	SW5V	O	SW 5V control output	Lo: POWER ON mode or during CD loading or eject action.
27	F/E DATA	I/O	Data input/output with the front end	
28	F/E CLK	O	Clock output to the front end	
29	CH CON	O	Changer control	Hi: ON, "Lo": Standby
30	CH REQH	O	Request output to changers	Lo: Request
31	CD MUTE	I	Muting request from the MI-COM. of CD mecha.	Lo: Mute request
32	CD MRST	O	Reset output to the MI-COM. of CD mecha.	Lo: Reset
33	CD MSTOP	O	Stop request to the MI-COM. of CD mecha.	Lo: Stop
34	CD LO/EJ	I/O	CD mecha. loading/Eject switching output	Lo: Loading, "Hi": Eject, "Hi-Z": Stop
35	CD LMON	O	CD mechanism loading motor control output	Hi: CD loading or eject action, "Lo": other
36	CD SW3	I	Down & limit switch detection input	Hi: Chucking, "Lo": Pickup most inner position
37	VDD	-	Power supply connection terminal	Connected to BU 5V lines.
38	X2	-	Main clock resonator connection terminal	
39	X1	-	Main clock resonator connection terminal	
40	VSS	-	Ground connection terminal	Connected to GND.
41	XT2	-	Sub clock resonator connection terminal	
42	XT1	-	Sub clock resonator connection terminal	
43	RESET	I	Reset input terminal	Lo: System reset
44	NC	O	Not used	
45	RDS CLK	I	Clock input from the RDS decoder IC	
46	CH REQC	I	Request input from changers	Lo: Request
47	LCD DATAL	I	Data input from the LCD driver IC	
48	CD SW2	I	12cm disc detection terminal	When 12cm disc was detected, the input becomes "Lo" temporarily.
49	CD SW1	I	Loading detection	Lo: CD chucking.
50	NC	O	Not used	
51	AVDD	-	A/D converter power supply connection terminal	Connected to BU 5V lines.

MICROCOMPUTER'S TERMINAL DESCRIPTION

PinNo.	Pin name	I/O	Description	Processing Operation
52	AVREF0	-	A/D converter reference voltage input terminal	Connected to BU 5V lines.
53	PHONE	I	PHONE detection input	1V or less: TEL MUTE, 2.5V or greater: NAVI MUTE
54	NC	I	Not used	Pull down to GND.
55	NOISE	I	Noise detection input	
56	S-METER	I	S-meter input from the front end	
57	NC	I	Not used	Pull down to GND.
58	NC	I	Not used	Pull down to GND.
59	NC	I	Not used	Pull down to GND.
60	NC	I	Not used	Pull down to GND.
61	AVSS	-	A/D, D/A converter ground connection terminal	Connected to GND.
62	NC	O	Not used	
63	NC	O	Not used	
64	AVREF1	-	D/A converter reference voltage input terminal	
65	CH DATAC	I	Data input from changers	
66	CH-DATAH	O	Data output to changers	
67	CH CLK	I/O	Clock input/output with changers	
68	LCD DATAL	I	Data input from the LCD driver IC	
69	LCD DATAS	O	Data output to the LCD driver IC	
70	LCD CLK	O	Clock output to the LCD driver IC	
71	NC	O	Not used	
72	BEEP	O	BEEP sound output	
73	NC	O	Not used	
74	PNL DET1	I	Panel detaching detection input	Hi: Panel detached.
75	NC	O	Not used	
76	LCD INH	O	INH output to the LCD driver IC	Lo: LCD indication OFF.
77	LCD CE	O	CE output to the LCD driver IC	Hi: Active
78	SRT SW1	I	SRT position detection input	Panel: (SW1, SW2)=(Hi, Hi) Slide : (SW1, SW2)=(Hi, Lo)
79	SRT SW2	I	SRT position detection input	Mask : (SW1, SW2)=(Lo, Lo)
80	NC	O	Not used	
81	NC	O	Not used	
82	NC	O	Not used	
83	NC	O	Not used	
84	NC	O	Not used	
85	NC	O	Not used	
86	NC	O	Not used	
87	AMP SVR	O	Power IC reset output	When the momentary power down, after ACC OFF is detected and after POWER OFF, the output goes "Hi" temporarily.
88	AMP STBY	O	Power IC standby control output	Hi: POWER ON mode
89	AMP MUTE	O	Power IC mute control output	Lo: Mute
90	NC	O	Not used	
91	ILL ON	O	Illumination AVR ON/OFF control output	Hi: AVR ON
92	P ON	O	Microprocessor peripheral power supply control output	Hi: ACC ON or during CD loading or eject action.
93	SMALL	I	Small lights detection input	Lo: During vehicle small lamps turn on.
94	P ANT	O	Antenna control output	Hi: During FM/AM reception.
95	P CONT	O	Power control output	Hi: POWER ON mode except ALL OFF mode.
96	ACC DET	I	ACC detection input	Hi: ACC OFF, "Lo": ACC ON
97	BU DET	I	Momentary power down detection input	Hi: When momentary power down detected or BU OFF, "Lo": BU ON
98	AMP CONT	O	External amp. control output	
99	NC	O	Not used	
100	VSS	-	Ground connection terminal	Connected to GND.

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TEST MODE

•TEST MODE SPECIFICATIONS

(1) How to enter the test mode

While holding the FM and Preset 6 keys simultaneously, reset the unit.

All indicators and display segments are ON at the start of test mode.

(2) How to exit from the test mode

Reset the unit.

(Note) The test mode cannot be canceled by turning Acc OFF, power OFF or momentary power down.

(3) Test mode specifications of the CD receiver

Each press of the Track Up key jumps to the following tracks.

No. 9 ⇒ No. 15 ⇒ No. 10 ⇒ No. 11 ⇒ No. 12 ⇒ No.13
⇒ No. 14 ⇒ No. 9 (return to beginning)

Pressing the Track Down key jumps to the previous track to the track being played.

(4) Audio

- The volume is -10 dB (displayed as 30).
- LOUD is OFF, and CRSC is also OFF whether the function is provided or not.
- With the Bass/Treble and Balance/Fader controls, pressing the Up/Down key switch the setting alternately to:
Full Boost ⇒ Full Cut ⇒ Full Boost, Full Right ⇒ Full Left ⇒ Full Right, or Full Front ⇒ Full Rear ⇒ Full Front.
- With the high-pass filter, pressing the Up key sets it to Through/100 Hz/200 Hz and pressing the Down key sets it to 200 Hz/100 Hz/Through.
- Other adjustments function in the same way as normal mode.

(5) Backup current measurement

When the unit is reset (backup turned on) while Acc is OFF or when Acc is turned OFF in test mode, the MUTE terminal goes on in 2 seconds, instead of 1.5 second. (The panel, CD, C and MD mechanisms are not activated at this time.)

(6) Security code registration after E2PROM replacement servicing (E/M type only)

1. Enter the test mode. (See (1) How to enter the test mode.)

2. Press the SRC key to set All OFF.

3. Press and hold the AUDIO key for 1 second to enter menu mode.

4. Press the FM/AM key to select "SECURITY".

5. Press and hold the Track Up/Down for 2 seconds.

6. Enter the code by pressing the Preset 1, 2, 3 and 4 keys.

Example: To enter "3510",

- Press the Preset 1 key 4 times.

- Press the Preset 2 key 6 times.

- Press the Preset 3 key 2 times.

- Press the Preset 4 key once.

7. Press and hold the DISPLAY key for 3 seconds to display "APPROVED".

8. Quit the test mode (See (2) How to exit from the test mode.)

(7) How to clear the simple security code (K type only)

1. While the code is requested, press and hold the DISP key and press and hold the VOL Up key for 3 seconds.

("....."disappears.)

2. Enter "KCAR" from the remote control unit. (Same operation as the '98 model)

- Press numeric key 5 twice then press the Track Up key. (This enters "K".)

- Press numeric key 2 three times then press the Track Up key. (This enters "A".)

- Press numeric key 2 once then press the Track Up key. (This enters "A".)

- Press numeric key 7 twice then press the Track Up key. (This enters "A".)

3. The security is canceled and the unit enters the TUNER mode.

(8) Other

- The DNPP/SBF key of the remote control unit (RC-510) functions as the menu mode ON/OFF key.

- The OPEN/CLOSE key of the remote control unit (RC-510) functions as the audio adjustment mode ON/OFF key.

- The menu is displayed by displaying only the required features.

- Message such as "CODE OFF" is not displayed when power is turned ON.

- The contrast can be adjusted only to 0/5/10 using the Up/Down keys.

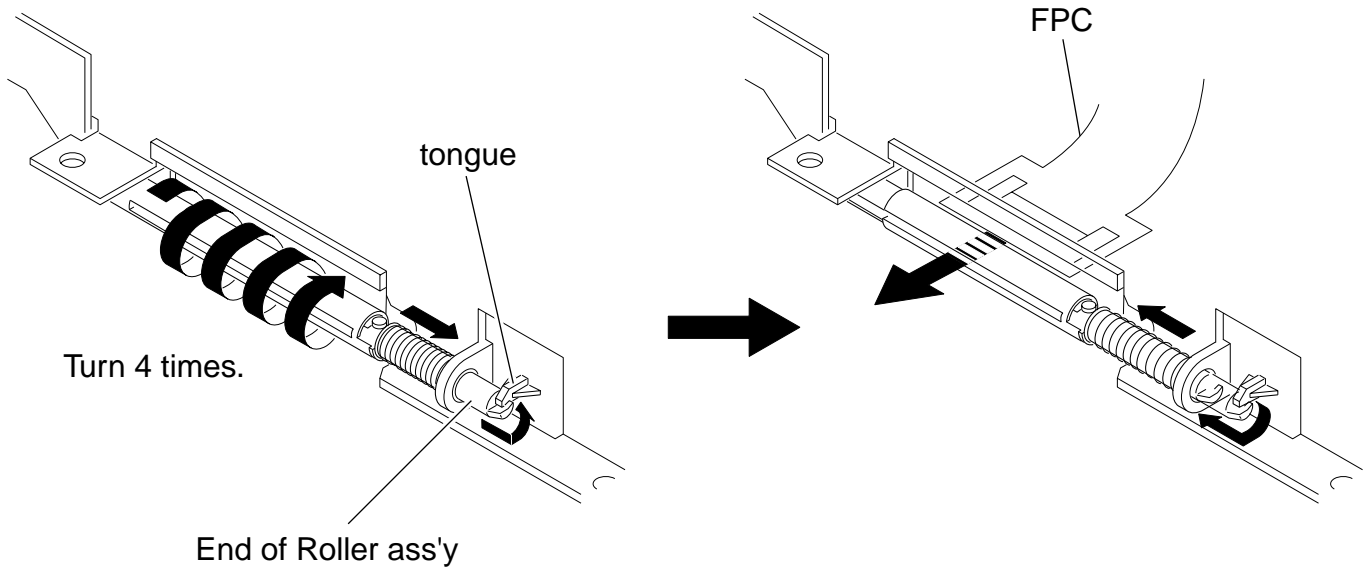
ATTENTION

Assembly of FPC(Flexible PC board) onto Roller ass'y

Turn Roller ass'y by 4 times.

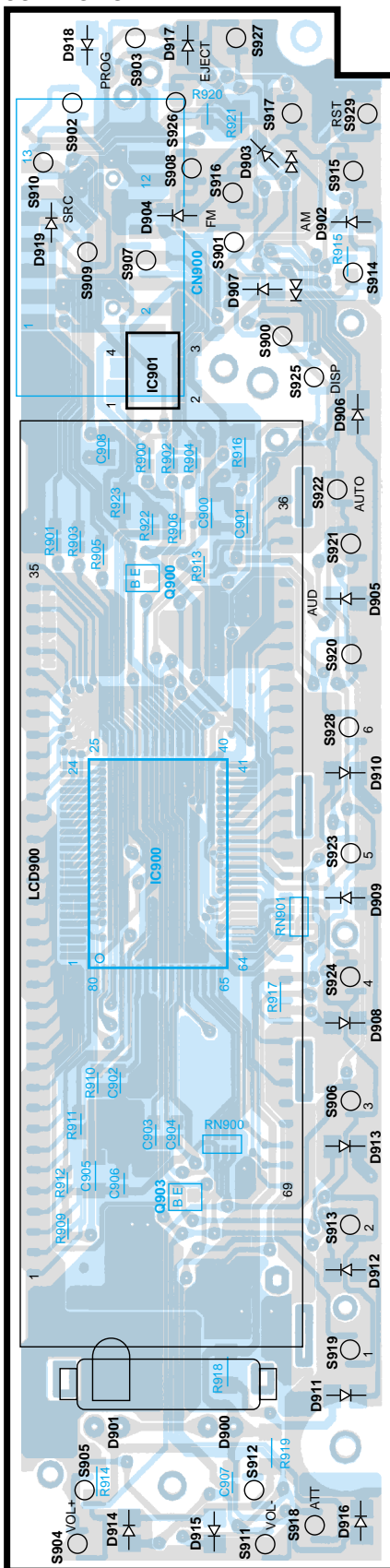
Hook the end of Roller ass'y to the tongue.

Insert the FPC into the slit of Roller ass'y then release the end of Roller ass'y and the tongue.



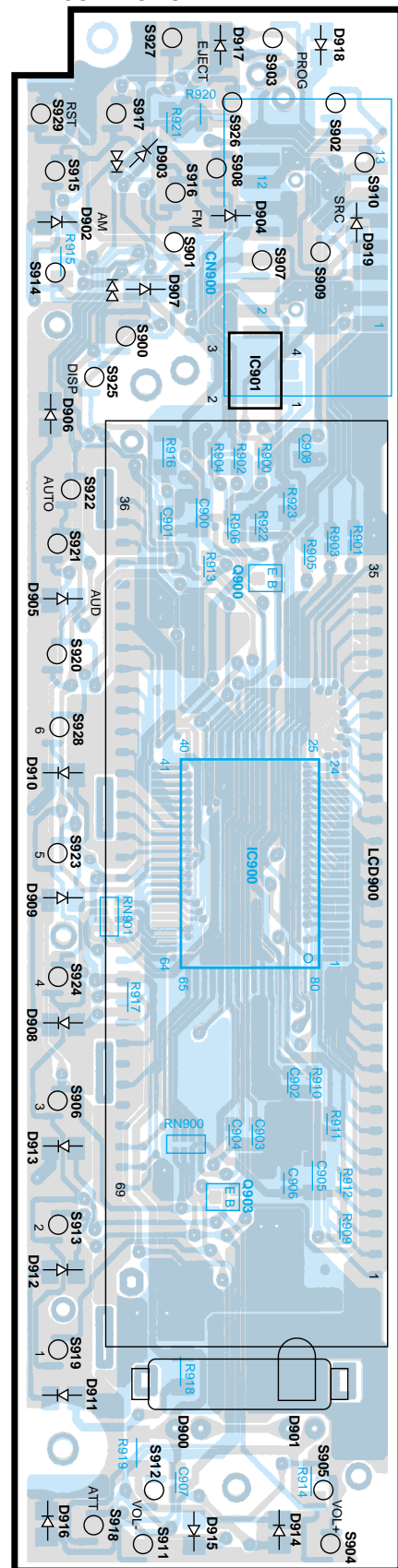
PC BOARD (COMPONENT SIDE VIEW)

CONTROL UNIT



PC BOARD (FOIL SIDE VIEW)

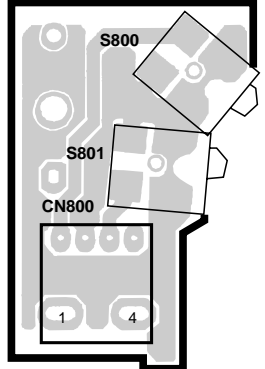
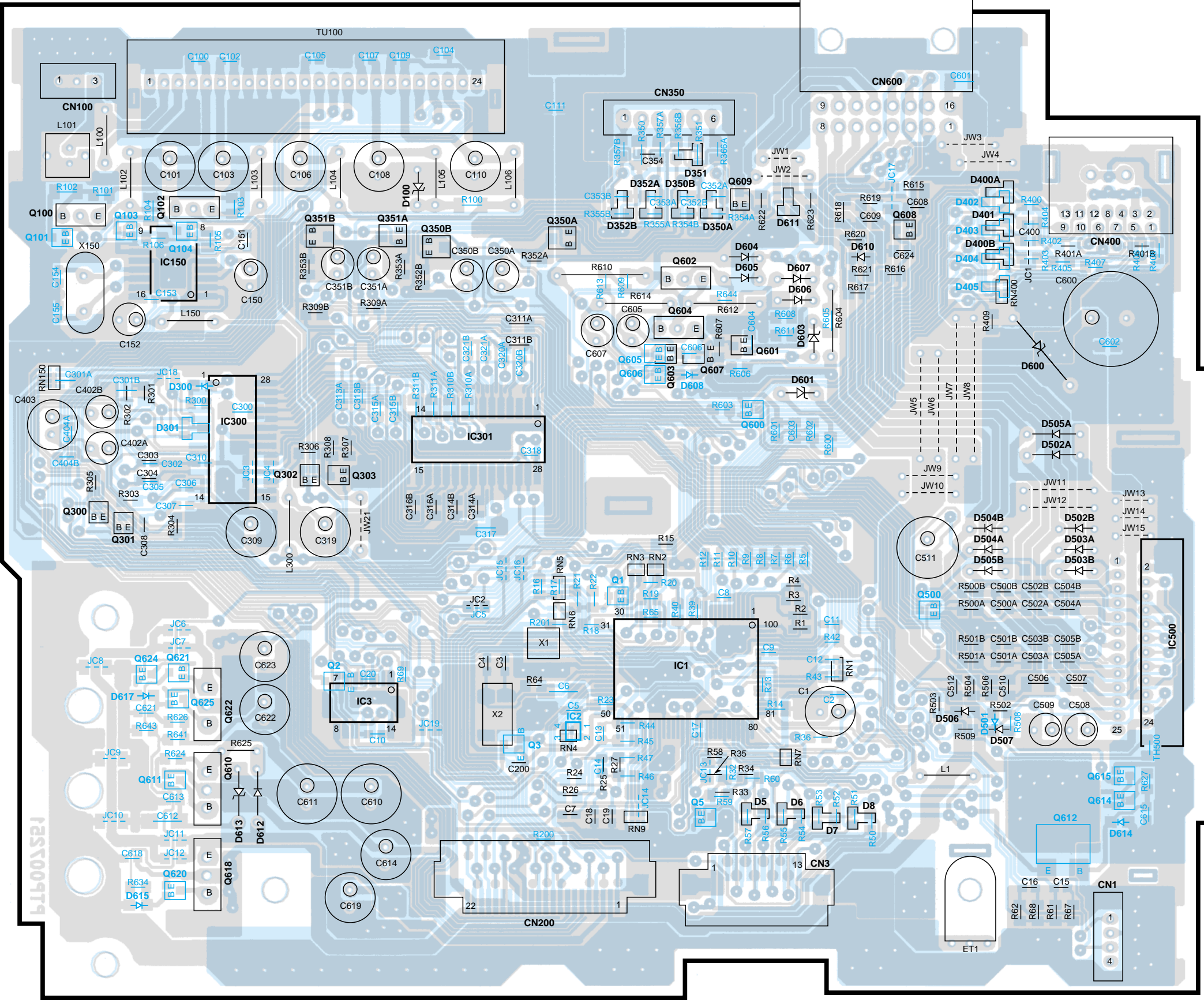
CONTROL UNIT



PC BOARD (COMPONENT SIDE VIEW)

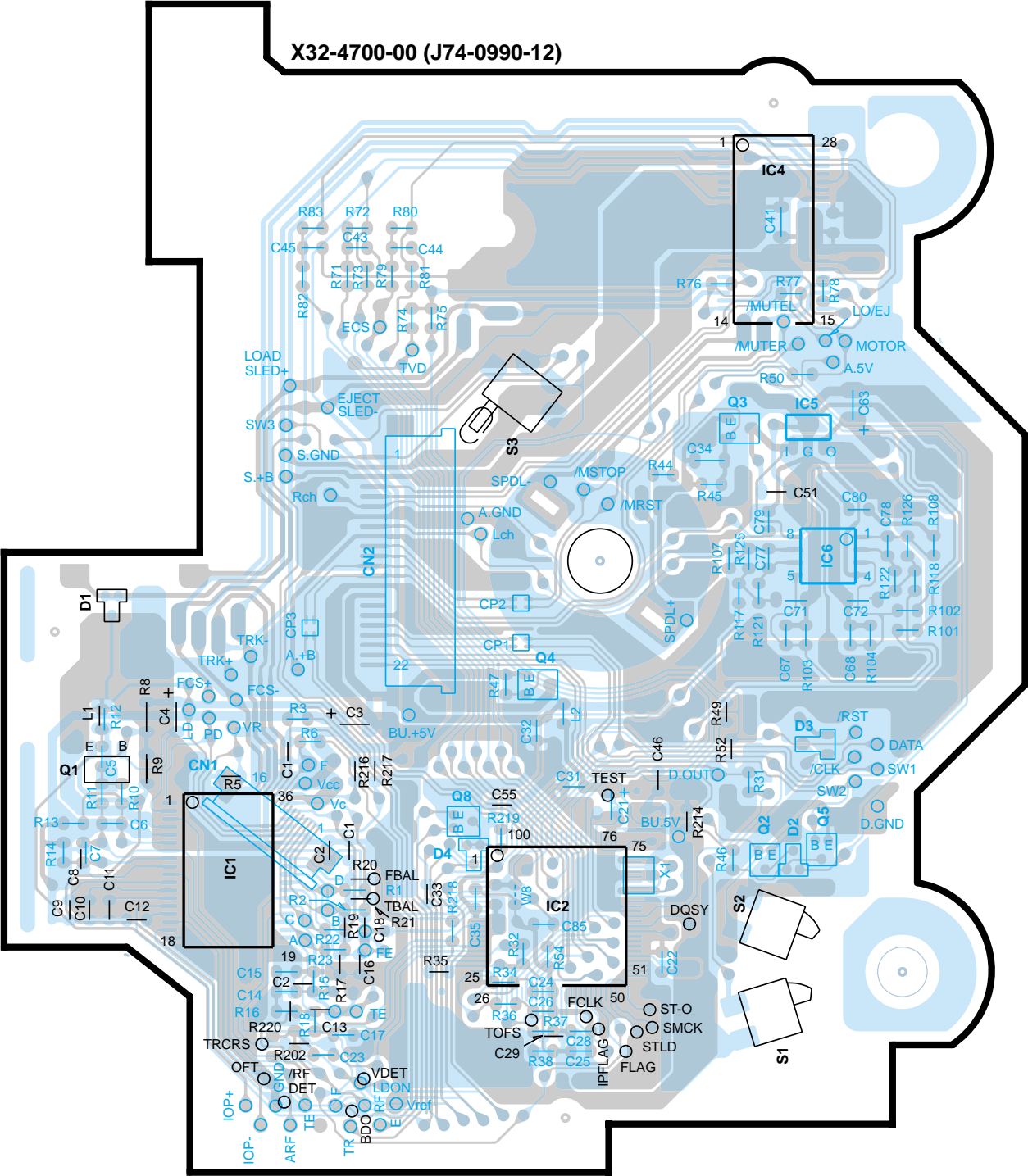
MAIN UNIT

SWITCH UNIT



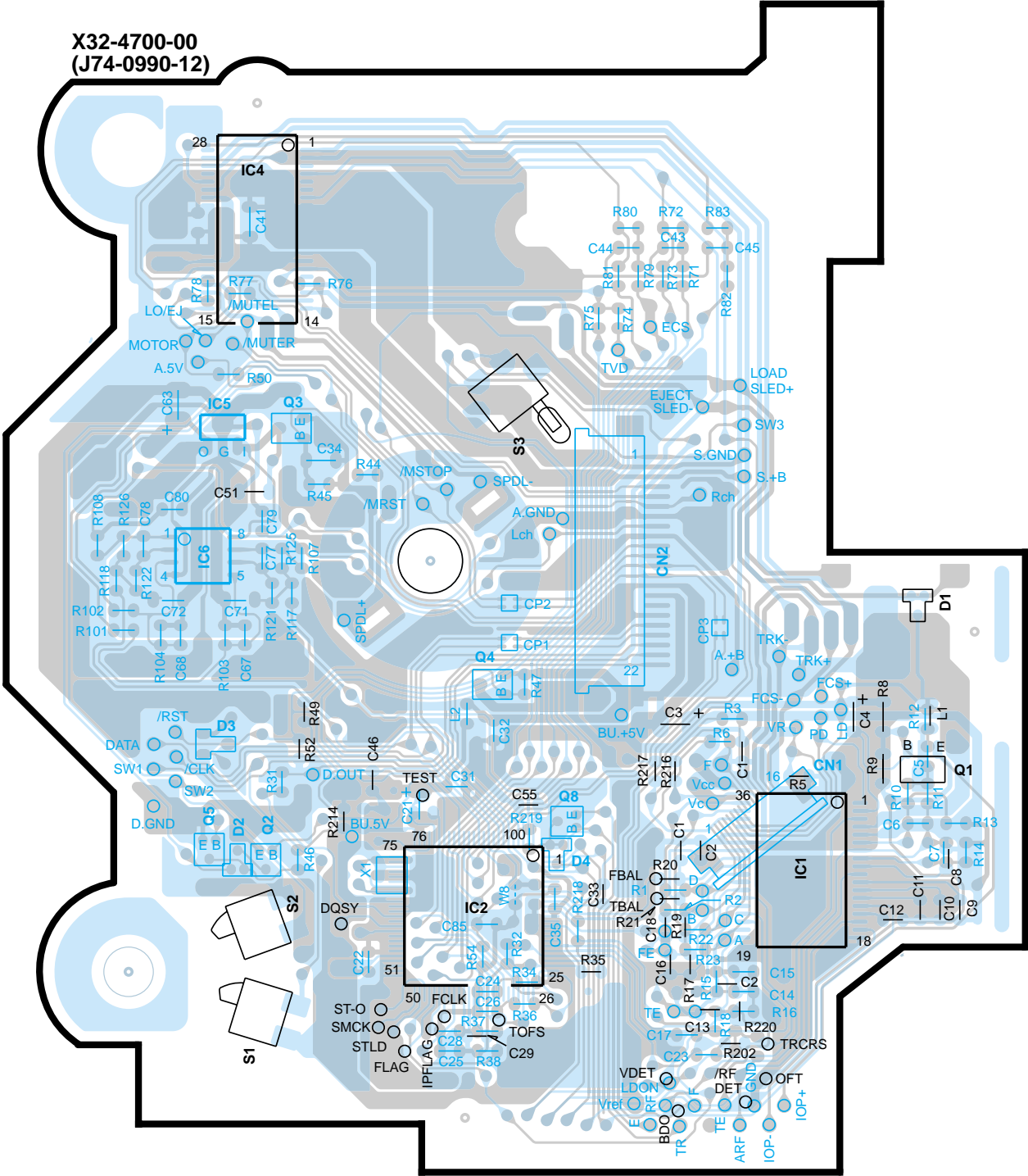
IC	Q	address
1		5K
2		5J
3		5I
300		4H
500		5N
	1	5J
	2	5I
	3	6J
	5	6K
100		3G
101		3G
102		2H
103		3G
303		4I
350A		3J
350B		3I
351A		3I
351B		3I
500		5L
600		4K
601		3K
602		3K
603		3K
604		3K
605		3K
606		3K
607		3K
610		6H
611		6H
612		6M
614		6M
615		6M
618		6H
620		6H
621		5H
622		5H
624		5H
625		5H

PC BOARD (COMPONENT SIDE VIEW)



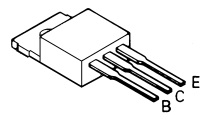
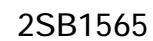
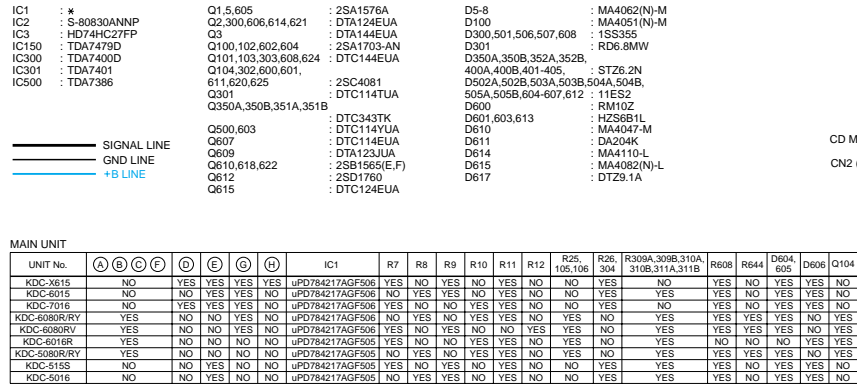
IC	1	2	4	5	6	
address	5AA	5AB	2AC	3AC	4AC	
Q	1	2	3	4	5	8
address	5Z	5AC	3AC	4AB	5AC	5AB

(FOIL SIDE VIEW)



IC	1	2	4	5	6	
address	5AH	5AG	2AF	3AF	4AF	
Q	1	2	3	4	5	8
address	5AI	5AF	3AF	4AG	5AF	5AG

Refer to the schematic diagram for the values of resistors and capacitors.



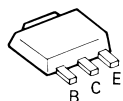
DTA144EUA
DTC114YUA
DTC343TK
2SA1362
2SA1576A E

2SA1362
2SA1576A

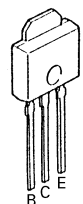
2SA1576A



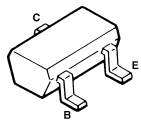
2SB1188



2SD1760



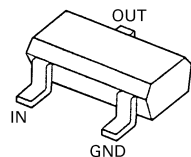
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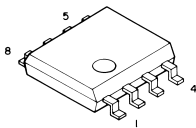
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DTC114EUA
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DTC144EUA

DTC124EUA
DTC144EUA

DTC144EUA



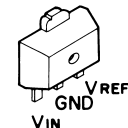
NJM4565MD



DAN202U



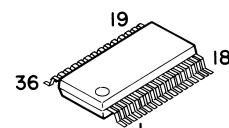
TA78L05F

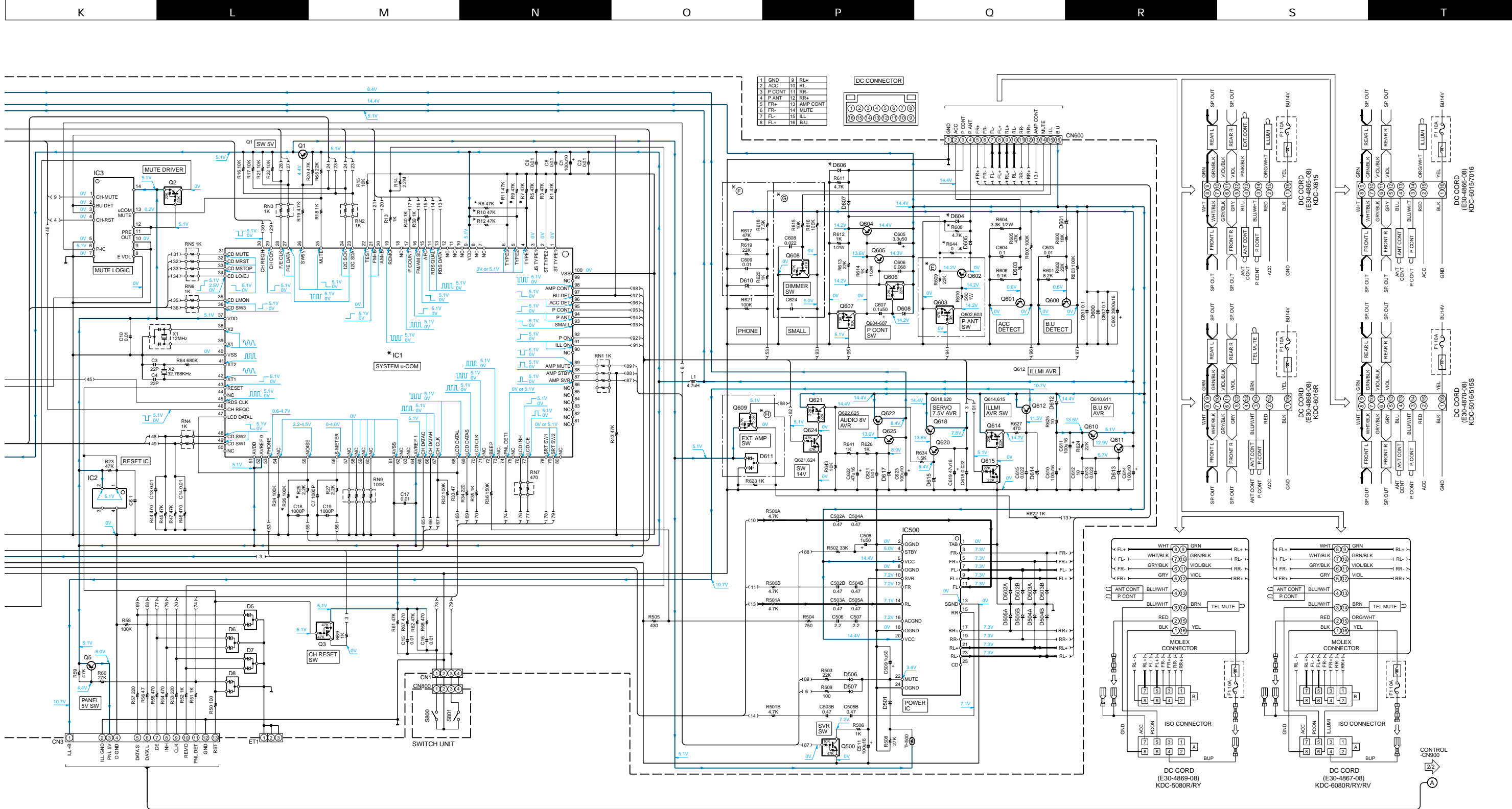


DA204K



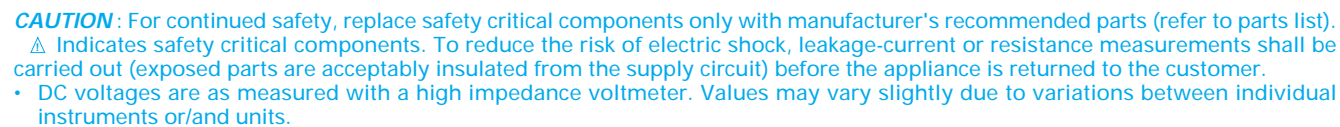
AN8806SB





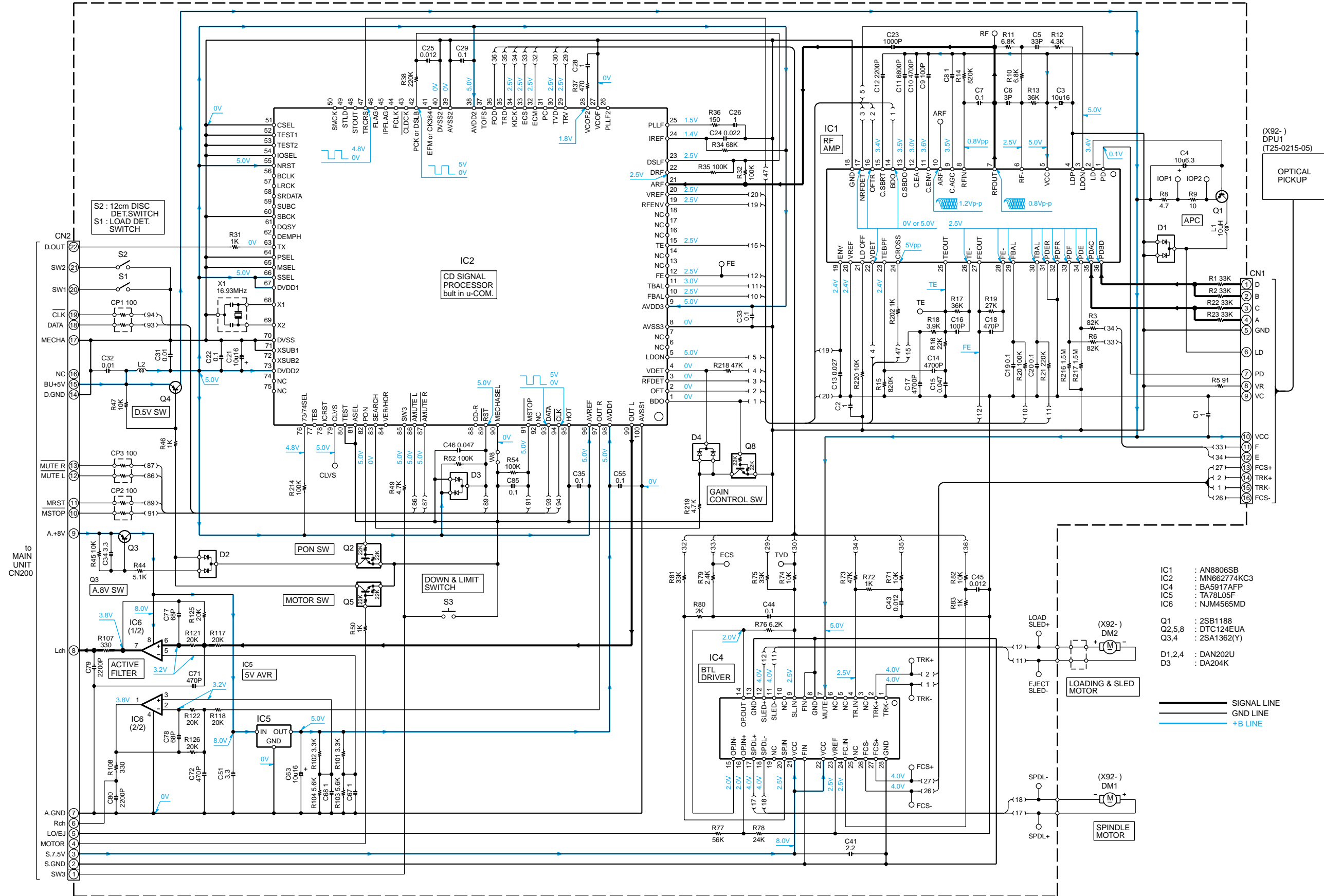
KDC-5016,515S

KENWOOD



KENDWOOD

X32-4700-00 : (DXM-1040)



- IC1 : AN8906SB
 IC2 : MN662774KC3
 IC3 : BA5917AFP
 IC4 : TA78L05F
 IC5 : NJM4556MD

- Q1 : 2SB1188
 Q2,5,8 : DTC124EUA
 Q3,4 : 2SA1362(Y)

- D1,2,4 : DAN202U
 D3 : DA204K

— SIGNAL LINE
 — GND LINE
 — +B LINE

KDC-5016,515S

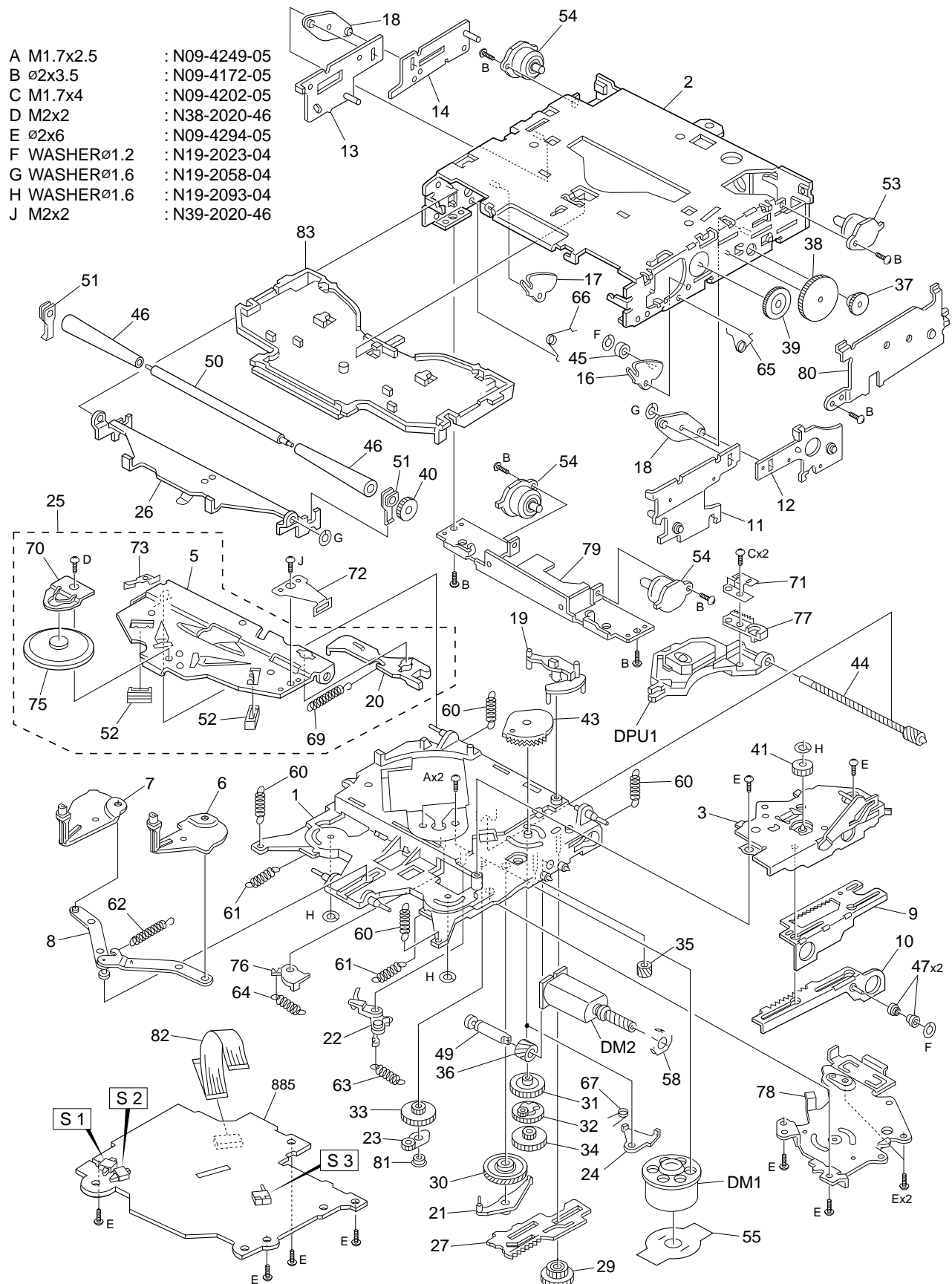
KENWOOD

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
 ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.
 • DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

KDC-5016,515S

EXPLODED VIEW (MECHANISM)

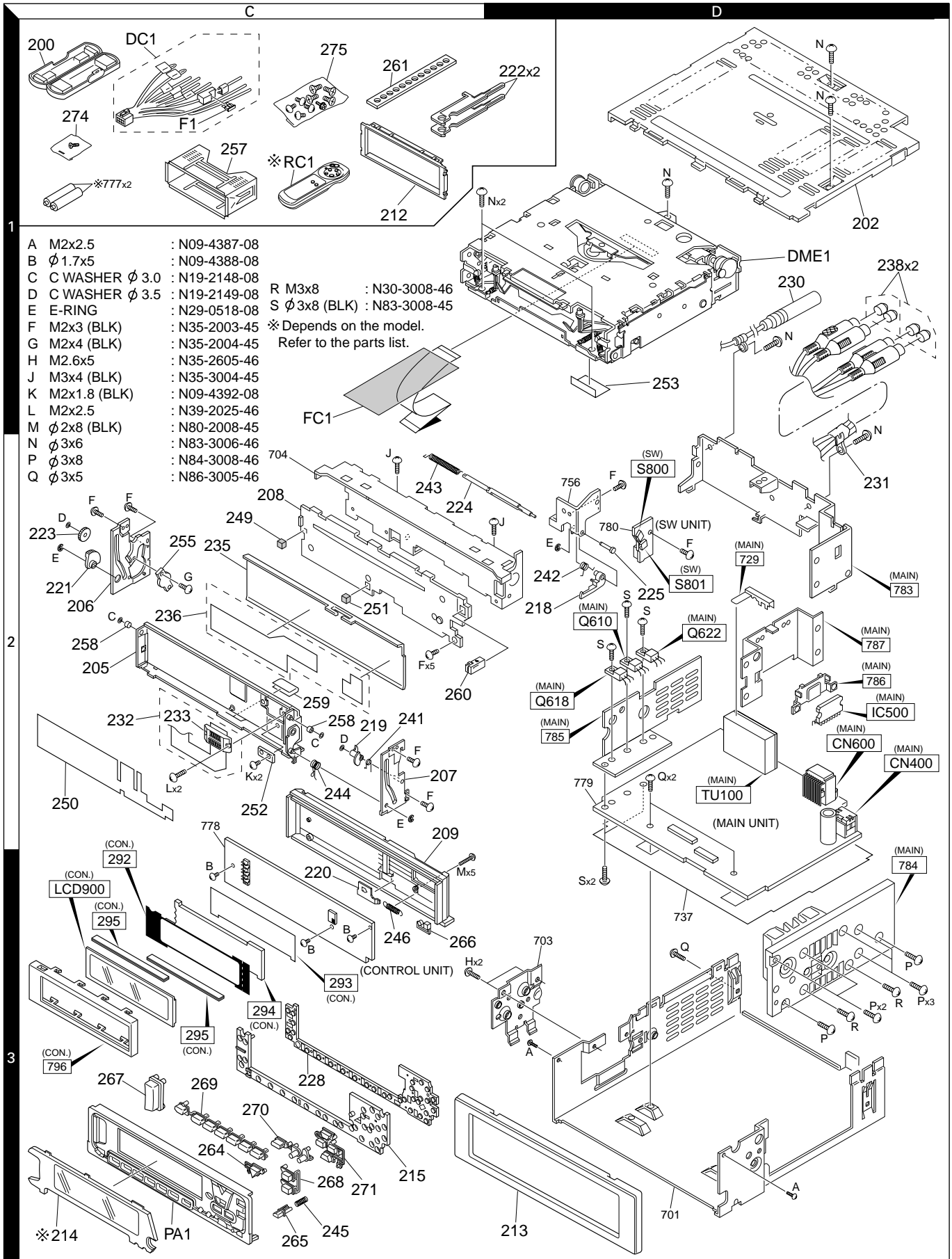
A	M1.7x2.5	: N09-4249-05
B	ø2x3.5	: N09-4172-05
C	M1.7x4	: N09-4202-05
D	M2x2	: N38-2020-46
E	ø2x6	: N09-4294-05
F	WASHERø1.2	: N19-2023-04
G	WASHERø1.6	: N19-2058-04
H	WASHERø1.6	: N19-2093-04
J	M2x2	: N39-2020-46



Parts with the exploded numbers larger than 700 are not supplied.

KDC-5016,515S

EXPLODED VIEW (UNIT)



PARTS LIST

*New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
KDC-5016,515S					
200	1C	*	A02-1494-08	PLASTIC CABINET ASSY	
202	1D	*	A52-0769-08	TOP PLATE	
205	2C	*	A11-0995-08	PANEL BRACKET ASSY	
206	2C	*	A11-0996-08	SIDE PLATE L ASSY	
207	2C	*	A11-0997-08	SIDE PLATE R ASSY	
208	2C	*	A22-2846-08	SUB PANEL ASSY	
209	2C	*	A46-1674-08	REAR COVER	
PA1	3C	*	A64-2090-08	PANEL ASSY	
RC1	1C		A70-0883-05	REMOTO CONTROLLER ASSY(RC-500)	M3
212	1C	*	B07-2186-08	ESCUTCHEON (J-CAR)	
213	3D	*	B07-2195-08	ESCUTCHEON ASSY	
214	3C	*	B10-3216-08	FRONT GLASS ASSY	K2
214	3C	*	B10-3217-08	FRONT GLASS ASSY	M3
215	3C	*	B19-2041-08	HOLDER	
-			B46-0100-50	WARRANTY CARD	
-			B46-0612-14	ID CARD	
-			B58-1344-04	CAUTION CARD	K2
-		*	B64-1625-00	INST.MANUAL(ENG,FRE,SRA)	K2
-		*	B64-1626-00	INST.MANUAL(ENG,CHI)	M3
218	2D	*	D10-4500-08	ARM (RELEASE)	
219	2C	*	D10-4501-08	LEVER (SW)	
220	3C	*	D10-4502-08	LEVER (LOCK)	
221	2C	*	D10-4503-08	GEAR (ARM)	
222	1D	*	D10-4514-08	LEVER	
223	2C	*	D13-2088-08	GEAR (IDOL)	
224	2C	*	D14-0745-08	ROLLER (FPC)	
225	2D	*	D21-2351-08	SHAFT (RELEASE H)	
228	3C	*	E29-1807-08	CONDUCTIVE RUBBER	
230	1D	*	E30-4857-08	ANT CORD ASSY	
231	2D	*	E30-4859-08	RCA CORD ASSY	
232	2C	*	E39-0360-08	FPC ASSY	
233	2C		E58-0895-05	RECTANGULAR RECEPTACLE (13P)	
DC1	1C	*	E30-4870-08	DC CORD	
FC1	1C	*	E39-0359-08	FLAT CABLE (22P)	
235	2C	*	F07-1089-08	COVER (MASK)	
236	2C	*	F09-1637-08	ADHESIVE SHEET (MASK)	
238	1D		F29-0049-05	INSULATING COVER (RCA PIN)	
△ F1	1C		F06-1032-05	FUSE(BLADE TYPE)(10A)	
241	2C	*	G01-3030-08	TORSION COIL SPRING (SW LEVER)	
242	2D	*	G01-3031-08	TORSION COIL SPRING (RELEASE)	
243	2C	*	G01-3032-08	TORSION COIL SPRING (FPC)	
244	2C	*	G01-3033-08	TORSION COIL SPRING (BRACKET)	
245	3C	*	G01-3034-08	COMPRESSION SPRING (OPEN)	
246	3C	*	G01-3035-08	EXTENSION SPRING (LOCK LEVER)	
249	2C	*	G13-1248-08	CUSHION (BRACKET LEFT)	
250	2C	*	G16-1154-08	PROTECTION SHEET(BRACKET ASSY)	
251	2C	*	H12-2671-08	CUSHION (BRACKET MIDDLE)	
252	2C	*	H13-1782-08	FPC PROTECT COVER	
253	1D	*	H21-1127-08	PROTECTION SHEET (CD&FPC)	
-		*	H10-4714-08	POLYSTYRENE FORMED FIXTURE	
-		*	H10-4723-08	POLYSTYRENE FORMED FIXTURE (J)	

K2:KDC-515S M3:KDC-5016

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
-			H25-0329-04	PROTECTION BAG	
-			H25-0334-04	PROTECTION BAG	
-			H25-0336-04	PROTECTION BAG	
-		*	H54-1726-08	ITEM CARTON CASE	K2
-		*	H54-1727-08	ITEM CARTON CASE	M3
255	2C	*	J19-5023-08	DUMPER	
257	1C	*	J21-9585-08	MOUNTING HARDWARE ASSY	
258	2C	*	J31-1048-08	COLLER	
259	2C	*	J39-0841-08	PROTECTION SHEET (BRACKET ARM)	
260	2C	*	J52-0604-05	PUSH LATCH	
261	1C		J54-0611-08	STAY	
264	3C	*	K24-3591-08	KNOB (SRC)	
265	3C	*	K24-3592-08	KNOB (OPEN)	
266	3C	*	K24-3630-08	KNOB (RELEASE)	
267	3C	*	K25-1152-08	KNOB (VOL)	
268	3C	*	K25-1153-08	KNOB (PLAY/PAUSE,EJECT)	
269	3C	*	K25-1154-08	KNOB (PRESET,ATT)	
270	3C	*	K25-1155-08	KNOB (AUD,AUTO,DISP)	
271	3C	*	K25-1156-08	KNOB (FM,AM,UP,DOWN)	
274	1C	*	N99-1688-08	SCREW SET	
275	1C	*	N99-1689-08	SCREW SET	
A	3D	*	N09-4387-08	SCREW	
B	3C	*	N09-4388-08	SCREW	
C	2C	*	N19-2148-08	C WASHER	
D	2C	*	N19-2149-08	C WASHER	
E	2C	*	N29-0518-08	E RING	
F	2C		N35-2003-45	SCREW	
G	2C		N35-2004-45	SCREW	
H	3C		N35-2605-46	SCREW	
J	2C		N35-3004-45	SCREW	
K	2C	*	N09-4392-08	SCREW	
L	2C		N39-2025-46	SCREW	
M	3C		N80-2008-45	SCREW	
N	1D		N83-3006-46	SCREW	
P	3C		N84-3008-46	SCREW	
Q	2D		N86-3005-46	SCREW	
DME1	1D		X92-3690-01	CD MECHANISM ASSY	
MAIN UNIT					
C1			CE04CW1A101M	ELECTRO 100UF 10WV	
C2			CK73GB1H103K	CHIP C 0.010UF K	
C3 ,4			CC73FCH1H220J	CHIP C 22PF J	
C6			CK73EB1C105K	CHIP C 1.0UF K	
C7			CK73GB1H102K	CHIP C 1000PF K	
C8 -10			CK73GB1H103K	CHIP C 0.010UF K	
C13 -17			CK73GB1H103K	CHIP C 0.010UF K	
C18 ,19			CK73GB1H102K	CHIP C 1000PF K	
C100			CK73GB1H103K	CHIP C 0.010UF K	
C101			CE04CW1A101M	ELECTRO 100UF 10WV	
C102			CK73GB1H103K	CHIP C 0.010UF K	
C103			CE04CW1A101M	ELECTRO 100UF 10WV	
C104			CK73GB1C104K	CHIP C 0.10UF K	
C105			CK73GB1H103K	CHIP C 0.010UF K	
C106			CE04CW1A101M	ELECTRO 100UF 10WV	

△ indicates safety critical components.

KDC-5016,515S

PARTS LIST

*New Parts

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Teile ohne **Parts No.** werden nicht geliefert.

MAIN UNIT

Ref. No.	Added	New	Parts No.	Description	Destination
C107			CK73GB1H103K	CHIP C 0.010UF K	
C108			CE04CW1A101M	ELECTRO 100UF 10WV	
C109			CK73GB1C104K	CHIP C 0.10UF K	
C110			CE04CW1A101M	ELECTRO 100UF 10WV	
C111			CK73GB1H103K	CHIP C 0.010UF K	
C200		*	C90-5325-08	CHIP C 0.047UF K	
C300			CK73EB1C225K	CHIP C 2.2UF K	
C301A,B			CK73EB1C225K	CHIP C 2.2UF K	
C302		*	C90-5326-08	CHIP C 0.033UF K	
C303			CK73GB1H153K	CHIP C 0.015UF K	
C304			CK73FB1C474K	CHIP C 0.47UF K	
C305			CC73FCH1H151J	CHIP C 150PF J	
C306			CK73GB1C104K	CHIP C 0.10UF K	
C307			CC73FCH1H121J	CHIP C 120PF J	
C308			CK73GB1C823K	CHIP C 0.082UF K	
C309			CE04CW1C470M	ELECTRO 47UF 16WV	
C310			CK73GB1H103K	CHIP C 0.010UF K	
C350A,B			C90-2597-05	ELECTRO 10UF 16WV	
C351A,B			C90-2597-05	ELECTRO 10UF 16WV	
C352A,B			CK73GB1H222K	CHIP C 2200PF K	
C353A,B			CK73GB1H222K	CHIP C 2200PF K	
C354			CK73FB1E104K	CHIP C 0.10UF K	
C400			CK73FB1E104K	CHIP C 0.10UF K	
C402A,B			C90-2606-05	ELECTRO 0.47UF 50WV	
C403			CE04CW1C470M	ELECTRO 47UF 16WV	
C404A,B			CK73GB1H102K	CHIP C 1000PF K	
C502A,B			CK73FB1C474K	CHIP C 0.47UF K	
C503A,B			CK73FB1C474K	CHIP C 0.47UF K	
C504A,B			CK73FB1C474K	CHIP C 0.47UF K	
C505A,B			CK73FB1C474K	CHIP C 0.47UF K	
C506,507			CK73EB1C225K	CHIP C 2.2UF K	
C508,509			C90-2877-08	ELECTRO 1.0UF 50WV	
C511			CE04CW1C101M	ELECTRO 100UF 16WV	
C600		*	C90-5328-08	ELECTRO 3900UF 16WV	
C601			CK73EB1H104K	CHIP C 0.10UF K	
C602			CK73FB1E104K	CHIP C 0.10UF K	
C603			CK73FB1H103K	CHIP C 0.010UF K	
C604			CK73FB1E104K	CHIP C 0.10UF K	
C605			CE04CW1H3R3M	ELECTRO 3.3UF 50WV	
C606			CK73FB1E683K	CHIP C 0.068UF K	
C607			CE04CW1H0R1M	ELECTRO 0.1UF 50WV	
C610,611			CE04CW1C101M	ELECTRO 100UF 16WV	
C612		*	C90-5327-08	CHIP-TAN 10UF 16WV	
C613			CK73GB1H223K	CHIP C 0.022UF K	
C614			CE04CW1A101M	ELECTRO 100UF 10WV	
C615			CK73GB1H223K	CHIP C 0.022UF K	
C618			CK73GB1H223K	CHIP C 0.022UF K	
C619			CE04CW1C470M	ELECTRO 47UF 16WV	
C621			CK73GB1H103K	CHIP C 0.010UF K	
C622			CE04CW1C470M	ELECTRO 47UF 16WV	
C623			CE04CW1A101M	ELECTRO 100UF 10WV	
CN1		*	E41-0068-08	PIN ASSY (4P)	
CN3			E40-9402-05	FLAT CABLE CONNECTOR (13P)	
CN100			E40-3238-05	PIN ASSY (3P)	

Ref. No.	Added	New	Parts No.	Description	Destination
CN200			E40-9339-05	FLAT CABLE CONNECTOR (22P)	
CN350			E40-3241-05	PIN ASSY (6P)	
CN400	2D		E56-0834-05	CYLINDRICAL RECEPTACLE (13P)	
CN600	2D		E58-0863-15	RECTANGULAR RECEPTACLE (16P)	
L1			L33-1055-08	SMALL FIXED INDUCTOR(4.7UH,K)	
L100			L33-1055-08	SMALL FIXED INDUCTOR(4.7UH,K)	
L101			L33-1123-05	LINE FILTER COIL (ANT COIL)	
L102-106			L33-1055-08	SMALL FIXED INDUCTOR(4.7UH,K)	
L300			L33-1055-08	SMALL FIXED INDUCTOR(4.7UH,K)	
X1		*	L78-0815-08	SERAMIC RESONATOR (12.0MHZ)	
X2			L78-0533-05	RESONATOR (32.768KHZ)	
P	3D		N84-3008-46	SCREW	
R	3D		N30-3008-46	SCREW	
S	2D		N83-3008-45	SCREW	
JC1			R92-2053-05	CHIP R 0 J 1/8W	
JC2			R92-2052-05	CHIP R 0 J 1/10W	
JC3, 4			R92-2053-05	CHIP R 0 J 1/8W	
JC5 -7			R92-2052-05	CHIP R 0 J 1/10W	
JC8 -10			R92-2053-05	CHIP R 0 J 1/8W	
JC11-13			R92-2052-05	CHIP R 0 J 1/10W	
JC14			R92-2053-05	CHIP R 0 J 1/8W	
JC15,16			R92-2052-05	CHIP R 0 J 1/10W	
JC17			R92-2053-05	CHIP R 0 J 1/8W	
JC18,19			R92-2052-05	CHIP R 0 J 1/10W	
R1			RK73GB1J473J	CHIP R 47K J 1/16W	
R3			RK73GB1J473J	CHIP R 47K J 1/16W	
R5			RK73GB1J473J	CHIP R 47K J 1/16W	
R7			RK73GB1J473J	CHIP R 47K J 1/16W	
R8			RK73GB1J473J	CHIP R 47K J 1/16W	K2 M3
R9			RK73GB1J473J	CHIP R 47K J 1/16W	
R11			RK73GB1J473J	CHIP R 47K J 1/16W	
R13			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R14			RK73EB2B225J	CHIP R 2.2M J 1/8W	
R15 -17			RK73FB2A103J	CHIP R 10K J 1/10W	
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R19			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R20			RK73FB2A473J	CHIP R 47K J 1/10W	
R21, 22			RK73FB2A103J	CHIP R 10K J 1/10W	
R23			RK73FB2A473J	CHIP R 47K J 1/10W	
R24			RK73FB2A104J	CHIP R 100K J 1/10W	
R26			RK73FB2A104J	CHIP R 100K J 1/10W	
R27			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R32			RK73FB2A104J	CHIP R 100K J 1/10W	
R33			RK73FB2A470J	CHIP R 47 J 1/10W	
R34			RK73FB2A221J	CHIP R 220 J 1/10W	
R35			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R36			RK73FB2A154J	CHIP R 150K J 1/10W	
R39, 40			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R43			RK73FB2A473J	CHIP R 47K J 1/10W	
R44			RK73FB2A471J	CHIP R 470 J 1/10W	
R45			RK73FB2A473J	CHIP R 47K J 1/10W	
R46			RK73FB2A471J	CHIP R 470 J 1/10W	
R47			RK73FB2A473J	CHIP R 47K J 1/10W	
R50			RK73FB2A101J	CHIP R 100 J 1/10W	

K2:KDC-515S M3:KDC-5016

PARTS LIST

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

MAIN UNIT

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
R51 ,52			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R53			RK73FB2A221J	CHIP R 220 J 1/10W	
R54 ,55			RK73FB2A471J	CHIP R 470 J 1/10W	
R56			RK73FB2A470J	CHIP R 47 J 1/10W	
R57			RK73FB2A221J	CHIP R 220 J 1/10W	
R58			RK73FB2A104J	CHIP R 100K J 1/10W	
R59			RK73FB2A473J	CHIP R 47K J 1/10W	
R60			RK73FB2A273J	CHIP R 27K J 1/10W	
R61 ,62			RK73FB2A473J	CHIP R 47K J 1/10W	
R64			RK73FB2A684J	CHIP R 680K J 1/10W	
R65			RK73FB2A223J	CHIP R 22K J 1/10W	
R67 ,68			RK73FB2A471J	CHIP R 470 J 1/10W	
R69			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R100			RK73EB2B151J	CHIP R 150 J 1/8W	
R101			RK73FB2A223J	CHIP R 22K J 1/10W	
R102			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R103			RK73FB2A223J	CHIP R 22K J 1/10W	
R104			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R200			RK73FB2A104J	CHIP R 100K J 1/10W	
R201			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R300			RK73FB2A103J	CHIP R 10K J 1/10W	
R301			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R302,303			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R304			R92-2052-05	CHIP R 0 J 1/10W	
R308			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R309A,B			R92-2052-05	CHIP R 0 J 1/10W	
R310A,B			R92-2052-05	CHIP R 0 J 1/10W	
R311A,B			R92-2052-05	CHIP R 0 J 1/10W	
R352A,B			RK73FB2A471J	CHIP R 470 J 1/10W	
R353A,B			RK73FB2A471J	CHIP R 470 J 1/10W	
R354A,B			RK73FB2A223J	CHIP R 22K J 1/10W	
R355A,B			RK73FB2A223J	CHIP R 22K J 1/10W	
R356A,B			RK73FB2A101J	CHIP R 100 J 1/10W	
R357A,B			RK73FB2A101J	CHIP R 100 J 1/10W	
R400			RK73FB2A101J	CHIP R 100 J 1/10W	
R401A,B			RK73FB2A101J	CHIP R 100 J 1/10W	
R402			RK73FB2A101J	CHIP R 100 J 1/10W	
R403-405			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R406,407			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R408			RK73FB2A101J	CHIP R 100 J 1/10W	
R409			RK73FB2A104J	CHIP R 100K J 1/10W	
R500A,B			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R501A,B			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R502			RK73FB2A333J	CHIP R 33K J 1/10W	
R503			RK73FB2A223J	CHIP R 22K J 1/10W	
R504			RK73FB2A751J	CHIP R 750 J 1/10W	
R505			RK73FB2A431J	CHIP R 430 J 1/10W	
R506			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R508			RK73FB2A273J	CHIP R 27K J 1/10W	
R509			RK73FB2A101J	CHIP R 100 J 1/10W	
R600			RK73FB2A183J	CHIP R 18K J 1/10W	
R601			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R602			RK73FB2A223J	CHIP R 22K J 1/10W	
R603			RK73FB2A104J	CHIP R 100K J 1/10W	
R604			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
R605			RK73EB2B473J	CHIP R 47K J 1/8W	
R606			RK73FB2A912J	CHIP R 9.1K J 1/10W	
R607			RK73FB2A104J	CHIP R 100K J 1/10W	
R608			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R609			RK73FB2A223J	CHIP R 22K J 1/10W	
R610			RS14AB3A561J	FL-PROOF RS 560 J 1W	
R611			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R612			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R613			RK73FB2A223J	CHIP R 22K J 1/10W	
R614			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R621			RK73FB2A104J	CHIP R 100K J 1/10W	
R622,623			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R624			RK73FB2A223J	CHIP R 22K J 1/10W	
R625			RD14BB2E100J	RD 10 J 1/4W	
R626			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R627			RK73FB2A471J	CHIP R 470 J 1/10W	
R634			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R641			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R643			RK73FB2A103J	CHIP R 10K J 1/10W	
RN1			R90-0724-05	MULTI-COMP 1K X4	
RN2 -4			R90-0725-05	MULTI-COMP 1K X2	
RN5			R90-0724-05	MULTI-COMP 1K X4	
RN6			R90-0725-05	MULTI-COMP 1K X2	
RN7			R90-1022-05	MULTI-COMP 470 X2	
RN9			R90-0720-05	MULTI-COMP 100K X4	
RN400			R90-0720-05	MULTI-COMP 100K X4	
D5 -8			MA4062(N)-M	ZENER DIODE	
D100			MA4051(N)-M	ZENER DIODE	
D300			1SS355	DIODE	
D301			RD6.8MW	ZENER DIODE	
D350A,B			STZ6.2Z	ZENER DIODE	
D352A,B			STZ6.2Z	ZENER DIODE	
D400A,B			STZ6.2Z	ZENER DIODE	
D401-405			STZ6.2Z	ZENER DIODE	
D501			1SS355	DIODE	
D502A,B			11ES2C	DIODE	
D503A,B			11ES2C	DIODE	
D504A,B			11ES2C	DIODE	
D505A,B			11ES2C	DIODE	
D506,507			1SS355	DIODE	
D600			RM10Z	ZENER DIODE	
D601			HZS6B1L	ZENER DIODE	
D603			HZS6B1L	ZENER DIODE	
D604-607			11ES2C	DIODE	
D608			1SS355	DIODE	
D612			11ES2C	DIODE	
D613			HZS6B1L	ZENER DIODE	
D614			MA4110-L	ZENER DIODE	
D615			MA4082(N)-L	ZENER DIODE	
D617			DTZ9.1A	ZENER DIODE	
IC1		*	784217AGF505	MI-COM IC	
IC2			S-80830ANNP	ANALOGUE IC	
IC3			HD74HC27FP	MOS-IC	
IC300			TDA7400D	ANALOGUE IC	

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PARTS LIST

***New Parts**

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Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
IC500 Q1 Q2 Q3 Q5	2D		TDA7386 2SA1576A DTA124EUA DTA144EUA 2SA1576A	ANALOG IC TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	
Q100 Q101 Q102 Q103 Q303			2SA1703-AN DTC144EUA 2SA1703-AN DTC144EUA DTC144EUA	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
Q350A,B Q351A,B Q500 Q600,601 Q602			DTC343TK DTC343TK DTC114YUA 2SC4081 2SA1703-AN	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR	
Q603 Q604 Q605 Q606 Q607			DTC114YUA 2SA1703-AN 2SA1576A DTA124EUA DTC114EUA	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
Q610 Q611 Q612 Q614 Q615	2D		2SB1565(E,F) 2SC4081 2SD1760 DTA124EUA DTC124EUA	TANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
Q618 Q620 Q621 Q622 Q624	2D		2SB1565(E,F) 2SC4081 DTA124EUA 2SB1565(E,F) DTC144EUA	TANSISTOR TRANSISTOR DIGITAL TRANSISTOR TANSISTOR DIGITAL TRANSISTOR	
Q625 TH500		*	2SC4081 TH470	TRANSISTOR THERMISTOR	
TU100	2D		X86-3160-11	FRONT-END UNIT	
SW UNIT					
CN800		*	E41-0069-08	PIN ASSY (4P)	
S800,801	2D	*	S68-0850-08	PUSH SWITCH	
CONTROL UNIT					
292 293 294 D900,901 D902-918	3C	*	B11-1305-08 B11-1306-08 B19-2040-08 B30-1571-05 B30-2025-05	OPTICAL DIFFUSER REFRECTION SHEET LIGHTING BOARD LED (WHT) LED	
D919 LCD900	3C	*	B30-1545-05 B38-1047-08	LED LIQUID CRYSTAL	
C900 C902 C903,904		*	C90-5327-08 CK73GB1H821K C90-5325-08	CHIP-TAN 10UF 16WV CHIP C 820PF K CHIP C 0.047UF K	
C905 C907,908		*	C90-5327-08 CK73FB1E104K	CHIP-TAN 10UF 16WV CHIP C 0.10UF K	
295 CN900	3C	*	E29-1818-08 E59-0833-05	CONDUCTIVE RUBBER RECTANGULAR RECEPTACLE (13P)	

MAIN UNIT

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
R900,901 R902,903 R904-906 R909 R910			RK73GB1J101J RK73GB1J102J RK73GB1J101J RK73GB1J100J RK73GB1J683J	CHIP R 100 J 1/16W CHIP R 1.0K J 1/16W CHIP R 100 J 1/16W CHIP R 10 J 1/16W CHIP R 68K J 1/16W	
R911 R912,913 R914 R915-919 R920-923			RK73GB1J473J RK73GB1J102J RK73EB2B271J RK73EB2B361J RK73FB2A102J	CHIP R 47K J 1/16W CHIP R 1.0K J 1/16W CHIP R 270 J 1/8W CHIP R 360 J 1/8W CHIP R 1.0K J 1/10W	
RN900,901			R90-0724-05	MULTI-COMP 1K X4	
IC900 IC901 Q900 Q903			LC75883E RS-171 DTA124EUA DTA124EUA	MOS-IC ANALOG IC DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
CD PLAYER UNIT (X32-4700-00)					
C1 ,2 C3 C4 C5 C6			CK73FB1A105K C92-1359-05 C92-0566-05 CC73FCH1H330J CC73FCH1H030C	CHIP C 1.0UF K CHIP-TAN 10UF 16WV CHIP-TAN 10UF 6.3WV CHIP C 33PF J CHIP C 3.0PF C	
C7 C8 C9 C10 C11			CK73FB1C104K CK73FB1A105K CC73FCH1H101J CK73FB1H472K CK73FB1H682K	CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 100PF J CHIP C 4700PF K CHIP C 6800PF K	
C12 C13 C14 C15 C16			CK73FB1H222K CK73FB1H273K CK73FB1H472K CK73FB1E473K CC73FCH1H101J	CHIP C 2200PF K CHIP C 0.027UF K CHIP C 4700PF K CHIP C 0.047UF K CHIP C 100PF J	
C17 C18 C19 ,20 C21 C22			CK73FB1H472K CK73FB1H471K CK73FB1C104K C92-1359-05 CK73FB1C104K	CHIP C 4700PF K CHIP C 470PF K CHIP C 0.10UF K CHIP-TAN 10UF 16WV CHIP C 0.10UF K	
C23 C24 C25 C26 C28			CK73FB1H102K CK73FB1H223K CK73FB1H123K CK73FB1A105K CK73FB1A105K	CHIP C 1000PF K CHIP C 0.022UF K CHIP C 0.012UF K CHIP C 1.0UF K CHIP C 1.0UF K	
C29 C31 ,32 C33 C34 C35			CK73FB1C104K CK73FB1H103K CK73FB1C104K CK73EB1A335K CK73FB1C104K	CHIP C 0.10UF K CHIP C 0.010UF K CHIP C 0.10UF K CHIP C 3.3UF K CHIP C 0.10UF K	
C41 C43 C44 C45 C46			CK73EB1C225K CK73FB1H123K CK73FB1C104K CK73FB1H123K CK73FB1E473K	CHIP C 2.2UF K CHIP C 0.012UF K CHIP C 0.10UF K CHIP C 0.012UF K CHIP C 0.047UF K	
C51 C55 C63			CK73EB1A335K CK73FB1C104K C92-1359-05	CHIP C 3.3UF K CHIP C 0.10UF K CHIP-TAN 10UF 16WV	

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PARTS LIST

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CD PLAYER UNIT (X32-4700-00)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
C67 ,68 C71 ,72 C77 ,78 C79 ,80 C85			CK73FB1A105K CK73FB1H471K CC73FCH1H680J C93-1044-05 CK73FB1C104K	CHIP C 1.0UF K CHIP C 470PF K CHIP C 68PF J CERAMIC 2200PF K CHIP C 0.10UF K	
CN1 CN2			E40-9536-05 E40-9339-05	FLAT CABLE CONNECTOR (16P) FLAT CABLE CONNECTOR (22P)	
L1 L2 X1			L40-1001-78 L92-0308-05 L78-0572-05	SMALL FIXED INDUCTOR(10UH) FERRITE CORE RESONATOR (16.93MHZ)	
CP1 -3 R1 ,2 R3 R5 R6			R90-1019-05 RK73FB2A333J RK73FB2A823J RK73FB2A910J RK73FB2A823J	MULTI-COMP 100 X2 CHIP R 33K J 1/10W CHIP R 82K J 1/10W CHIP R 91 J 1/10W CHIP R 82K J 1/10W	
R8 R9 R10 ,11 R12 R13			RK73EB2B4R7J RK73EB2B100J RK73FB2A682J RK73FB2A432J RK73FB2A363J	CHIP R 4.7 J 1/8W CHIP R 10 J 1/8W CHIP R 6.8K J 1/10W CHIP R 4.3K J 1/10W CHIP R 36K J 1/10W	
R14 ,15 R16 R17 R18 R19			RK73FB2A824J RK73FB2A223J RK73FB2A363J RK73FB2A392J RK73FB2A273J	CHIP R 820K J 1/10W CHIP R 22K J 1/10W CHIP R 36K J 1/10W CHIP R 3.9K J 1/10W CHIP R 27K J 1/10W	
R20 R21 R22 ,23 R31 R32			RK73FB2A104J RK73FB2A224J RK73FB2A333J RK73FB2A102J RK73FB2A104J	CHIP R 100K J 1/10W CHIP R 220K J 1/10W CHIP R 33K J 1/10W CHIP R 1.0K J 1/10W CHIP R 100K J 1/10W	
R34 R35 R36 R37 R38			RK73FB2A683J RK73FB2A104J RK73FB2A151J RK73FB2A471J RK73FB2A224J	CHIP R 68K J 1/10W CHIP R 100K J 1/10W CHIP R 150 J 1/10W CHIP R 470 J 1/10W CHIP R 220K J 1/10W	
R44 R45 R46 R47 R49			RK73FB2A512J RK73FB2A103J RK73FB2A102J RK73FB2A103J RK73FB2A472J	CHIP R 5.1K J 1/10W CHIP R 10K J 1/10W CHIP R 1.0K J 1/10W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W	
R50 R52 R54 R71 R72			RK73FB2A102J RK73FB2A104J RK73FB2A104J RK73FB2A103J RK73FB2A102J	CHIP R 1.0K J 1/10W CHIP R 100K J 1/10W CHIP R 100K J 1/10W CHIP R 10K J 1/10W CHIP R 1.0K J 1/10W	
R73 R74 R75 R76 R77			RK73FB2A473J RK73FB2A103J RK73FB2A333J RK73FB2A622J RK73FB2A563J	CHIP R 47K J 1/10W CHIP R 10K J 1/10W CHIP R 33K J 1/10W CHIP R 6.2K J 1/10W CHIP R 56K J 1/10W	
R78 R79 R80 R81			RK73FB2A243J RK73FB2A242J RK73FB2A202J RK73FB2A333J	CHIP R 24K J 1/10W CHIP R 2.4K J 1/10W CHIP R 2.0K J 1/10W CHIP R 33K J 1/10W	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
R82 R83 R101,102 R103,104 R107,108			RK73FB2A103J RK73FB2A102J RK73FB2A332J RK73FB2A562J RK73FB2A331J	CHIP R 10K J 1/10W CHIP R 1.0K J 1/10W CHIP R 3.3K J 1/10W CHIP R 5.6K J 1/10W CHIP R 330 J 1/10W	
R117,118 R121,122 R125,126 R202 R214			RK73FB2A203J RK73FB2A203J RK73FB2A203J RK73FB2A102J RK73FB2A104J	CHIP R 20K J 1/10W CHIP R 20K J 1/10W CHIP R 20K J 1/10W CHIP R 1.0K J 1/10W CHIP R 100K J 1/10W	
R216,217 R218 R219 R220 W8			RK73FB2A155J RK73FB2A473J RK73FB2A472J RK73FB2A103J R92-2052-05	CHIP R 1.5M J 1/10W CHIP R 47K J 1/10W CHIP R 4.7K J 1/10W CHIP R 10K J 1/10W CHIP R 0 J 1/10W	
S1 ,2 S3			S68-0838-05 S68-0823-05	PUSH SWITCH PUSH SWITCH	
D1 ,2 D3 D4 IC1 IC2			DAN202U DA204K DAN202U AN8806SB MN662774KC3	DIODE DIODE DIODE ANALOGUE IC MOS-IC	
IC4 IC5 IC6 Q1 Q2			BA5917AFP TA78L05F NJM4565MD 2SB1188 DTC124EUA	ANALOGUE IC IC(VOLTAGE REGULATOR/ +5V) IC(OP AMP X2) TRANSISTOR DIGITAL TRANSISTOR	
Q3 ,4 Q5 Q8			2SA1362(Y) DTC124EUA DTC124EUA	TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	

CD MECHANISM ASSY (X92-3690-01)

1	2A	A10-4482-01	CHASSIS	
2	1B	A10-4225-33	CHASSIS CALKING ASSY	
3	2B	A11-0915-43	SUB CHASSIS CALKING ASSY	
5	2A	D10-3082-13	ARM	
6	2A	D10-4306-04	ARM ASSY	
7	2A	D10-4305-04	ARM ASSY	
8	3A	D10-3087-44	ARM ASSY	
9	3B	D10-3092-03	SLIDER	
10	3B	D10-3093-04	SLIDER ASSY	
11	2B	D10-3095-04	SLIDER ASSY	
12	2B	D10-3096-04	SLIDER ASSY	
13	1A	D10-3099-24	SLIDER ASSY	
14	1A	D10-3100-04	SLIDER ASSY	
16	1B	D10-4004-04	LEVER ASSY	
17	1B	D10-4006-04	LEVER	
18	1A	D10-4007-04	LEVER	
19	2B	D10-4008-14	LEVER	
20	2A	D10-4009-23	ARM	
21	3A	D10-4010-04	LEVER	
22	3A	D10-4011-34	LEVER ASSY	
23	3A	D10-4013-14	ARM ASSY	
24	3B	D10-4050-04	ARM	
25	3A	D10-4038-23	ARM ASSY	

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PARTS LIST

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CD MECHANISM ASSY (X92-3690-01)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
26	2A		D10-4123-24	LEVER ASSY	
27	3A		D13-1340-13	RACK (GEAR)	
29	3B		D13-1231-04	GEAR	
30	3A		D13-1240-04	GEAR	
31	3B		D13-1233-04	GEAR	
32	3B		D13-1234-14	GEAR ASSY	
33	3A		D13-1238-03	GEAR	
34	3B		D13-1232-04	GEAR	
35	3B		D13-1241-04	GEAR	
36	3A		D13-1242-04	GEAR	
37	1B		D13-1243-04	GEAR	
38	1B		D13-1244-04	GEAR	
39	1B		D13-1245-14	GEAR	
40	2A		D13-1246-04	GEAR	
41	2B		D13-1247-04	GEAR	
43	2B		D13-1249-04	GEAR ASSY	
44	2B		D13-1341-04	GEAR ASSY (LEAD SCREW)	
45	1B		D14-0668-04	ROLLER	
46	2A		D14-0670-04	ROLLER	
47	3B		D14-0674-04	ROLLER	
49	3A		D21-2228-14	SHAFT	
50	1A		D21-2229-04	SHAFT	
51	1A		D23-0925-24	RETAINER	
52	2A		D32-0614-04	STOPPER	
53	1B		D39-0223-05	DAMPER (YELLOW)	
54	2B		D39-0224-05	DAMPER (BLACK)	
55	3B		F09-1246-04	SHEET	
58	3B		F09-1266-14	SHEET	
60	2A		G01-2770-04	EXTENSION SPRING	
61	3A		G01-2771-04	EXTENSION SPRING	
62	3A		G01-2772-24	EXTENSION SPRING	
63	3A		G01-2773-14	EXTENSION SPRING	
64	3A		G01-2774-34	EXTENSION SPRING	
65	1B		G01-2775-04	TORSION COIL SPRING	
66	1B		G01-2776-14	TORSION COIL SPRING	
67	3B		G01-2777-24	TORSION COIL SPRING	
69	2A		G01-2844-04	EXTENSION SPRING	
70	2A		G02-1231-04	FLAT SPRING	
71	2B		G02-1232-24	FLAT SPRING	
72	2A		G02-1241-24	FLAT SPRING	
73	2A		G02-1248-14	FLAT SPRING	
75	2A		J11-0613-13	CLAMPER	
76	3A		J19-4678-13	HOLDER	
77	2B		J19-4679-24	HOLDER	
78	3B		J21-7684-13	MOUNTING HARDWARE	
79	2B		J21-7686-13	MOUNTING HARDWARE	
80	1B		J21-7690-03	MOUNTING HARDWARE	
81	3A		J31-1032-04	COLLAR	
82	3A		J84-0107-05	FLEXIBLE PRINTED WIRING BOARD	
83	1A		J90-0757-22	GUIDE	
A	2A		N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)	
B	1B		N09-4172-05	TAPPING SCREW (2X3.5,CTITE)	
C	2B		N09-4202-05	STEPPED SCREW	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
D	2A		N38-2020-46	PAN HEAD MACHIN SCREW	
E	3A		N09-4294-05	TAPTITE SCREW (BIND P TAPTIT)	
F	3B		N19-2023-04	FLAT WASHER	
G	2A		N19-2058-04	FLAT WASHER	
H	3A		N19-2093-04	FLAT WASHER	
J	2A		N39-2020-46	PAN HEAD MACHIN SCREW	
DM1	3B		T42-0764-04	DC MOTOR ASSY	
DM2	3B		T42-0763-04	DC MOTOR ASSY	
DPU1	2B		T25-0215-05	OPTICAL PICKUP HEAD	

KDC-5016,515S

SPECIFICATIONS

Model		KDC-5016	KDC-515S
FM	Frequency Range (Frequency step)	87.5MHz~108.0MHz(50kHz) 87.9MHz~107.9MHz(200kHz)	87.9MHz~107.9MHz(200kHz)
	Channel Space Selection	50kHz/200kHz	50kHz/200kHz
	Usable Sensitivity (S/N 30dB)	9.3dBf (0.8μ V/75Ω)	9.3dBf (0.8μ V/75Ω)
	Quieting Sensitivity (S/N 50dB)	15.2dBf (1.6μ V/75Ω)	15.2dBf (1.6μ V/75Ω)
	Frequency Response (±3.0dB)	30Hz~15kHz	30Hz~15kHz
	S/N	70dB(MONO)	70dB(MONO)
	Selectivity	≥80dB(±400kHz)	≥80dB(±400kHz)
	Stereo Separation	40dB(1kHz)	40dB(1kHz)
MW (AM)	Frequency Range (Frequency step)	531kHz~1611kHz(9kHz) 530kHz~1700kHz(10kHz)	530kHz~1700kHz(10kHz)
	Channel Space Selection	9kHz/10kHz	9kHz/10kHz
	Usable Sensitivity (S/N 20dB)	28dBμ (25μ V)	28dBμ (25μ V)
CD	Laser Diode	GaAlAs(λ=780nm)	GaAlAs(λ=780nm)
	Digital Filter(D/A)	8 Times Over Sampling	8 Times Over Sampling
	D/A Converter	1 Bit	1 Bit
	Spindle Speed	500~200rpm(CLV)	500~200rpm(CLV)
	Wow & Flutter	Below Measurable Limit	Below Measurable Limit
	Frequency Response	10Hz~20kHz(±1dB)	10Hz~20kHz(±1dB)
	THD	0.01%(1kHz)	0.01%(1kHz)
	S/N Ratio	93dB(1kHz)	93dB(1kHz)
	Dynamic Range	93dB	93dB
	Channel Separation	85dB	85dB
Preout Level/Load		1800mV/10kΩ(CD/CD-CH)	1800mV/10kΩ(CD/CD-CH)
Preout Impedance		≤600Ω	≤600Ω
AMPLIFIER	Maximum Power	45Wx4	45Wx4
	Full Bandwidth Power (at less than 1% THD)	22Wx4	22Wx4
TONE	Bass	100Hz±10dB	100Hz±10dB
	Treble	10kHz±10dB	10kHz±10dB
GENERAL	Operating Voltage (11V~16V allowable)	14.4V	14.4V
	Current Consumption	10A	10A
	Installation Size (W)	182mm	182mm 7-3/16inch
	(H)	53mm	53mm 2-1/16inch
	(D)	161mm	161mm 6-5/16inch
Weight		1.8kg	1.8kg(4.0lbs)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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